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California rock climbing has an incrcdibly clcan safcty record －considcring its apparent danger and the obvious risks that climbors seem to takc．

We must be using good safety procedures although they are not obtrusive．（Such a long record eannot all be luck．In the alps， climbers are killed by the hundreds each year．）In fact，simplicity itself seems to be one of our basic principles of safety．

A big problem，then，is how to train new climbers in these un－ obvious procedures，without miring them down in such a maze of rules that they never get pasi the first pitch before nightfall．

I believe the key to the California safety record is that falls are regarded as a natural part of climbing．If a first practice climb does not get a climber ready to fall and hold falls，he is not ready to do anything else

The best training ic experience with as realistic a situation as possible．The beginner needs to $\mathfrak{F}$ alis numerous times（and not just jump off the rock）before he accepts it as natural．He needs to catch numerous falis before he accepts that as natural and knows what to expect．

Surprisingly enough，the best and fastest way to practice is with falls belayed from above．With a little slack，the pulls are as strong as with a lower belay and pulley。 And in actual climbing， the only belayers I＇ve ever seen pulled out of position were belaying me from above．Actual lower belays are usually easier，because of rope friction．The only value of the pulley practice seems to me to be in illustrating the value of a good anchor（for any belay）．

Rappelling is also an unnatural thing for a beginner．The scarriest situations I＇ve seen with beginning climbers was when they tried to do a rappel of a type they had not practiced（long or over－ hanging）．They knew how to do it，but they clutched because they＇d never done it．

My main argument is the need for extensive and repeated practice of those situations－－at the practice rock．One gets very little practice falling on climbs．It is impractical to have to belay rappels on a climb．And neither technique is very easy on the nerves to practice 400 feet off the ground．

That implies that a climber will start with a practice climb at which he practices belaying，falling，and rappelling，along with climbing．Other techniques can be learned on climbs with experienced climbers．But I see no excuse（excluding possible motives of lechery） for starting a beginner on a climb without that practice．Too many scary situations can develop．And too many potentially good climbers have been scared out of further interest in the sport．A scared climber is dangerous and（with some notable exceptions）probably not enjoying himself。

I think the minimum safety prescription is simple，obvious，and adequate：one practice climb including instruction and lots of practice in belaying，falling，and rappelling。 I think club climbers should try to enforce that prescripijon by persuasion，and in signing out ropes or organizing climbing parties．

Persona？judgement and a climber＇s shrewd evaluation of his po－ tential climbing partreers will always remain the most important factor， but I think we couid stand to introduce a certain minimum of procedure．

Te I was attonding the Jackson H ○ le Folk Festival this summer in the wone, I ran into a rather picturesque man named Jack Langon, walking nout w ith a canere and insmall four stiping guitar, wearing a full beard, beard kuckskin shiri and a rangenh haith an eagle feather stuck in the bona. I struck up convers tion with hini and found him to be a rathor woll cācuatio and intuligent man with a wicw of the socioty wuch liko mino. Ho tas covering the restival for the fawper Star-Tribunc. I, slso lonrnod that ho livod in a tioi (nct twoos) with his fomily, in the summor on the arapahoomshoshoni Indion resurvetion in the Wind Rivers.

A riondship wos quichly struak up, and wo invitod him to come up to the dimbers camp for a Geron Tea Farty. He was rually of our kind and a climber, and he litea rery much the camp, the people, and how we lived thore; so he reuurnod the neverevonde I questiond him more on Indian .ife, and whon ha left to return to lander, he said that ho would bring up his tipi
 Darli from then.

I was unctide to find a heary stand of Loagopole pine whure the troes :ould make beautifully thin poles, hut I did find enough straight odonero that $I$ could get noles of the right longth. He had told mo to peel the bowk ont to the very tip (its eashen wo peol if you leave the treas sitting jn tot sun a while after lopping the branches off-close, so you won't leave hol in four cover, and to leave the poles or different lengths, as this Fun? ennance the tipits natural aesthetic appeal.

- mes nex veekend, Jack, wife, two kids, and tipi arrived and we started otth, the poles un. Three poles are tied together and set up as a tripod. ?" pops uro placod in the crotches of the tripod in a secific pattern, and the tha "cover: which is, coided into thin wedge, is ticd at the top to The leth pole, wind taised, with the pole; into place. The cover is then wule around the circio or poles and is fastenad together in the front with Jooing sticks", a covei for the door opening is attached, and, if high winte or treezing sold is cxpected or the tipi is going to be set up for some 4.as, stakes are drizen into the ground around the base, and the bottom of har nveni is tied to these.

The tipi set up was a veatiful thins to behold。 Jack had selected a clenring ror it where the rising sun would shine on the tipi, and where we could easily see that guaraion of the camp, Teewinot, raising her majestic rockü head. Tha cover is white, or it may be painted with a design that must come to the owner in a dream. It is tiltad more steeply at the back, and its figure swecps one gracerully un towards the sky. From the top of the cover, the fiffeen poles project for soveral feet, their fine tips a circle that sprajs outvari and apward... The door faced the East, as the door of the tipi alvays does, for it is out of the East that the sun rises, bringing: ita lifergiving wambt and light to the earoh.

In the morning, tien, the Indian rises to greet the rising sun, and specks a bayer to makan-tank (it I nemomber right), the Graat Spirit or

Great hystory, thanking him that he has been allowed to live to sae another day. The religion of the Indian pervodes all his life, as does religion in $a l l$ orimitive societies. It is an earthy relicion, filled with bears and deor, sky and earth, sun and stars, rocks and trees, and the spirits that $2 l l$ these elements baar. There is a realness in the roligion that I have not been able to find in the abstract philosophical dogmas of Churchianity. The Indian has a reverence to all life that goos further than the reverence of most Hiking Clubbers. When the tipi was set up, Jack oroduced his pipe bag, and went through tha ritual of blessing the tipi and praying in sioux and English in his "simple and humble way", passing the pipe on to us that sat bout the fire with him, asking us to pray in our own way. (Jack was adopted in his youth by a Sioux Indian.) The recommended prayer, is to say "all iny relations", this meaning that all Indians are your relations, and that you are praying for their woll-being.

The tipi was warm inside with a warmth that was more than physical. There was a reverence to life that Jack brought from his Indian ways, that the white man seems to lack, and all of us that were there that night, and succeeding nights, felt this to be one of the outstanding experiences of the summer. There was the aroma of pine smoko, and the "Medicine Sage" and sweetgrass being burned. There was the flickoring light of the fire on the cover that rose over your head to the zenith where all the poles ineet, your eyc being drawn there when you lie on your back, on bearskin or deerhide, by the poles rising and coming togethor. There is the smoke hole naar the top at the front of the tipi through which you can see stars at night. Outside, the tipi is like some giant Indian lantern li from inside with that flickering firelight, growing and waning as the fire flickers brighter or dimmer.

The tipi has been the Indians' home for centuries before the white man came and destroyed his way of life and tried to Americanize him. It used to be that anything Indian was thought to be pagan and uncivilized and must not be permitted. Now, however, as the old Indian crafts are being forgotten as the old men die, many are recognizing that something beautiful and valuable is being lost, and efforts are now being made to record in books the old Indian ways of making tipis or beaded buckskin shirts, and these are taught the young Indians in the government schools. Now when you ask an Indian how many tipis there were at the sun dance this year, he will say "More than there ever have been since the old days. I even saw a buckskin tipi at Lame Deer this year."

Tipis on the market now are made, usually, of 10 ounce duck, and sell for around \$100. It is hard to find one that is wəll made. If you wish to find out how to make your own, look in the University Library for a book by Reginald and Gladys Laubin, THE TIPI. In it there are patterns plus a complate telling of how the tipi was the Indians' home and how his life was lived in and centered around it. I can also give you help, information, and cheap nylon.

Tipis are perhaps the most practical of camp dwellings. They are warm in winter, cool in summer, and shelter from the weather. A 20' diameter tipi made of duck weighs (the cover) about 50 lbs., but one could be made from water repellent nylon that would waigh 10 lbs. A smaller and lighter one could easily be made. With the $20^{\prime}$ size, there is plenty of room for $a$ fire in the middle, and for several people to live and sleep inside, and for perhaps 50 people to pack inside for a Teton Tea Party, or some other

Such ceremony, The only problem ia netting, and some times finding, poles. 17 are best for this size tipi. $1 j$ to support, the cover, and 2 more to use on the smoke flaps. They should be peeled and smooth, so that they will not wear holes in the cover. When the wind changes direction, or if you leave, or don't want a fire inside, or for some other reason, you can shift the smoke flaps or close them with these poles.

Then, pack in your 10 ib. cover, cut your poles, and camp in comfort and beauty. The Indian says there is strength in his round house, that the reason the Indian is so wa ak now is because he lives in the white man's four cowered house in which there is no strength. Find this strength, then, in this dwelling, and, if you really want to go Indian, build yourself a sweat lodge (instructions for this are also in the Laubins' book). Then find yourself someone who knows how to conduct a sweat, and listen to the Indian pray in the darkness and steam heat, listen to the hiss of water as it is poured from dipper to hot rocks, and immediately turns to steam, and feel the renewal of your body when you plunge into a nearby cold strẹan afterwards.

Do you ever wonder why tho Indian stares out or his reservation with a "looks of numb futility on his face"? Do you ever wonder why they live in such poverty-mstricken conditions? Perhaps he is too far away from the old rays that gave him strength, and from the old times when he lived in peace wi th his brothers before the white man came and taught him to take scalps and tight and kill and hate. Porlans the day will come when he can return to old ways, and perhaps we will know how to live then too. The Indians have ra prophecy about the white, Black, and yellow men having a war, and the Redrman, God's chosen people. inheriting the earth.. Anyway, I find them a good, earthy generous people, and I have enjoyed the hospitality and brotherhood they have shown. I'm going back to the Wind Rivers this summar, where will set ap my bini, in a cam that could make a good climbers' amp 10\% those disillusioned with the Rangers and tourists and crowds and regulations and the craeplre modernization of facilities at the climbers camp in the Tetons, where anyone will be welcome to sit around my fire and smoke my pipe 。
How I Climbed El Capitan Solo

There is a pronlein or great magnitude facing our society. Within the last three generations, 180 billion hours have been wasted within our country, by in, not by inion featherbedding, not by big government bureaucratic was ${ }^{\circ}$, but by hardworking teachers and students in public and private schools. Wasted during the pursuit of knowledge. The knowledge in question? The spelling of the English language:

English nonwpone,j $\dot{c}$ (or phony) spelling, an outdated and useless olemet of what is otherwise one of the simplest languages, is the source of more, wasted hours than are union strikes. Why then, is this problem ignnoted?

Change the textbooks? Revamp the entire English language? Force millions of Americans to rem learn to read?. Ir spite of the fact that this would stimulate the economy by providing more opportunities for business investment, soak up unused savings, etc, and probably set, us on the road
to fantastic prosperity, no, this is not the way: I am not advocating a complete transformation that would make the most liberal shudder, I am merely speaking for a natural, step-by-step, conscious evolution similar to the slower evolution of pronunciation that already is taking place. F゙or a while it will be necessary to teech children both old and new spelling, just as German students are taught old and new script. The change for adults, minor as it is, will be relatively easy, and is indeed already accepted in such literary works as "Little Abner".

The way is not thru legislative decree, not by formal petition to the school board, but by individual resolution. In your daily letters, notes, and papers, make changes in the words which now have the most ludicrous spelling, such as "although", "night", "rough", and "busy". This, incidentally, doas not mean an abandonment of all unsounded letters. (For instance, the "e" in "nite" has the function of indicating a long "i".) It oniy means relinquishing purely decorative letters, which stand in the way of, not aid, correct nronunciation.

In conclusion, I urge every supporter of a rational spelling system to support the Fi.F.S.E..........iovement for the Fonetic Speling of English.

by John Fitz
Another of the organizations committed to the preservation of natural values is the Save San Francisco Bay Association, Box 925, Berkeley l, California. In recent years the cities surrounding the Bay have been "reclaiming" land for residential, industrial and highway use by filling in portions of the Bay adjoinfing them. The cities have used the shoreline as refuse dumps, as have the millions of motorists who do not seem to care about the attractiveness of their cities or the Bay. Existing plans would swallow up, or fill up, more than half of the remaining Bay, reducing it to a sewage slough in the middle of a gigantic metropolis without room to move or air to breathe-drowned in smog and garbage. The Save San Francisco Jay Association is working hard to prevent this unbelievable disaster to the environment we live in here.

The ఫ̄ay functions as a natural thermostat for the Bay Area Cities; it functions as a pricelese source of recreational values; properly maintained and protected it could be a jerfect transportation system, for people and wastes. Reduction in its area, reduction in fresh water in the river above the Day, the continued increase of partially treated wastes will soon destroy all of these values, upon which literally no price can be out. All further filling of the Bay should be stopped immediately; the shoreline from Fremont to Croosett, from Vallejo to Sausalito, from San Francisco to San Jose should be stripped of industrial plants and converted into parks. The various agencies, sanitary districts, transit, tidelands control, airports, drainage, and reclamation, fish and game, must be unified into one overall Eay Authority, for coordination of use and preservation of its matchless values. Refuse should be used in sanitary landfill or compostad; burning should stop; and sewage should be piped outside the Golden Gate, five or ten miles if need be. Can we really exist if the Eay becomes a shallow stinking ditch? Who would want to? Yet this is where the present plans are

Assemblyman Edwin L. Z'berg of Sacramento and State Senator J. Bugene McAteer are introducing bills in the present session of the State Legislature to freeze all activity now, and nrepare criteria which must be met for further Bay development. Their nroposals, summarized in a report available from Senator McAteer, would establish an overall Bay Area Commission, and require permits for all interim work to be done on the bay, until such criteria are prepared. The basis for granting of permits is laid down as either immediately necessary to the public welfare, or of such a nature as not to interfere with the present Eay. Please write your assemblyman and State senators about this (and about the Redwoods if you haven't done so). I give another list of local remresentatives in our State legislature.

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Last soring I wrote this song, which I call the Bay Area Lament, or fohn Fitz's nightmare, my plaintive cry against the ruthless and inconsiderate, blind and stunid mesh of decay which seems to be gripping our country and the Bay Area. I used to wonder why we sing so many protest songs, but what else can be do but sing when things are so bed?
(To the tune of Sweet Detsy From Pike)
There was a fair region out westward they say,
Till the planners came along and they filled up the Bay, And old tires by the score and old scrap by the ton Littered the beach and that land was undone.

Till the citiミs began all their sewage to dump, Now the bottom is black with the muck of the lands, And the Bay shrinks away while industry exvands.

Chorus: Singing, Too-ra-li, too-ra-li, too-ra-li-ay!
Oh, the cities were green and the houses were oroud Till the freeways ran wild to follow the crowd, They tore down old mansions to pave all the ground, So that millions of big cars could go round and round.

Yes, the cities were green and the houses were glad, Till the realtors said, These old houses are bad, We can't make enough money, let's tear them all down, And build expensive apartments all over the town. (Chorus)

The lupines and popies, they bloomed on the hills, Jut they've disappeared with the cuts and the fills, And billboards invadeả like a gangrenous hand To blot out what scenery was left in the land.

Once both builder and owner took pride in a home,
And inside and outside were built like a poem, But subdivisions have won, they are soread like a blight
And houses with antlers are everywhere in sight. (Chorus)
The breezes and mists they would dance and would fly,
And the stars shone like diamonds all over the sky, Eut the stars are all gone, they are hidden from sight, By millions of lights blinking throughout the night.

The breezes and mists they would freshen the air, Eut no pleasant smells are left anywhere, Diesel fumes and smokestacks, now blacken the skies, And clouds of yellow snog bring the tears to our eyes. (Chorus)

We're glutted with stuff to buy and to choose,
And automobiles, we've, too many to use,
So we pile the wrecks high, making mountains of steel, Soon the earth wil2 be covered with junk automobiles.

The woods are all littered with empty beer cans
The ravines are all filled up with junk that was man's,
Wherever you wander, wherever you pass,
The green earth's all covered with paper and glass. (Chorus)
So there once was a Bay with a clean sandy shorê, Eut all of that beauty will never be no more;
There were beautiful cities with quiet dark streets,
Jut the rampage of Progress destroys what it meets.
I'd rather see mushrooms grow it the grass,
And barnacles orver up a ship's hull at last,
Than see stifling apartments beyond our control,
And the roaring of freeways taking peace from my soul. (Chorus)

Come young lads and young lasses and hear what I say, We may still have time to rescue the day, And save the Bay and the towrs and the hills From the billbourds and freeways and Bay-snatching fills.

Come young lads and young lasses and listen to me, Let's save our fair land for posterity, And don't just sit by while destruction and greed Take away all the air, sky, trees, and water that we need.

Chomus: (ritard) Singin' too-ra-li, too-ra-li, too-ra-li-ay!
(Last minute flash: letters should be written to Chlonel Robert H. Allen, US Corps of Army Engineers, lCO McAllister Street, San Franciscr, pratesting the granting of a permit to construct a fill which would reach two-thirds of the way from the Jakland mole to Treasure Island.)

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BEAR TRACK
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ELITOR's NOTE: If anyone is dissatisfied because only a few penple write articles for the Bear Track, then write your articles and get them in as soon as pessible..

Everyone snowid cone the disciasoion about the Southwest rater "lan

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